

Figure 1A

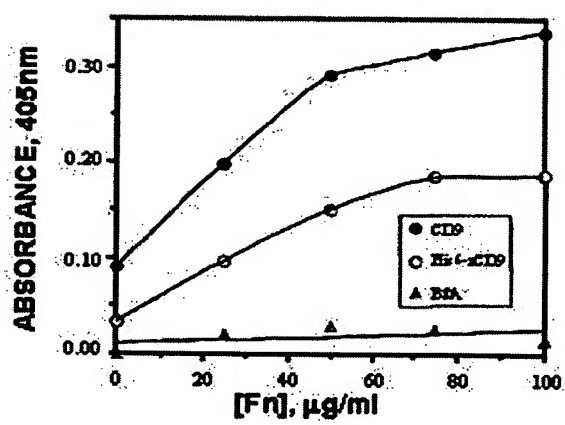


Figure 1B

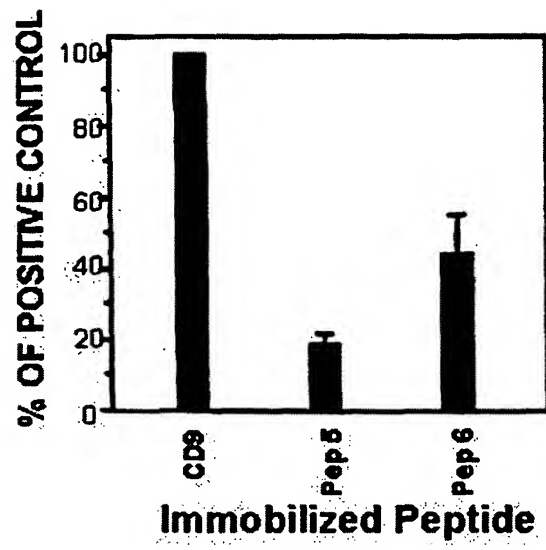


Figure 2A

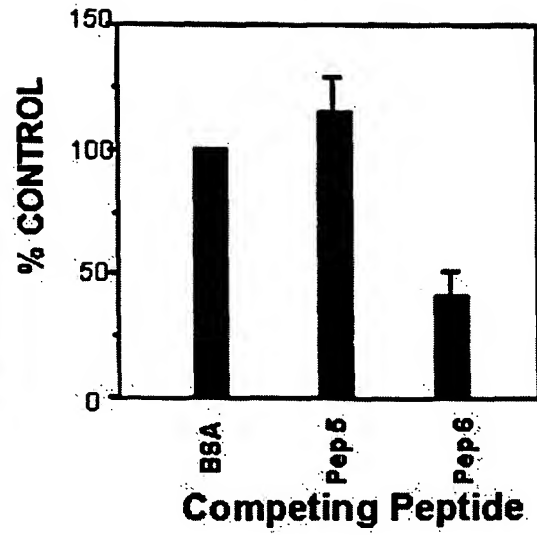


Figure 2B

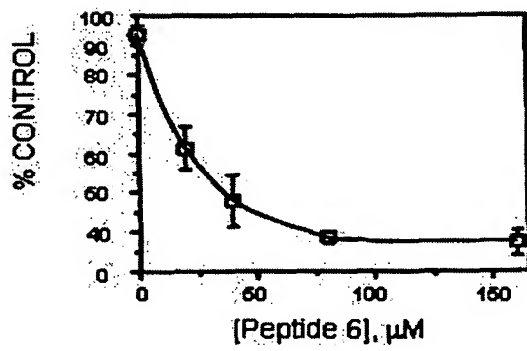


Figure 2C

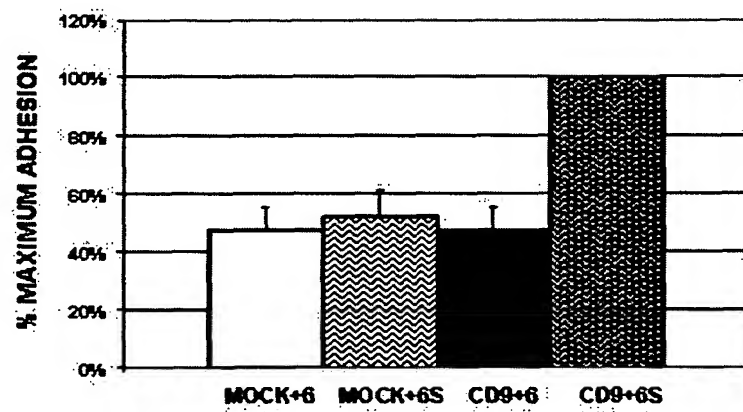


Figure 2D

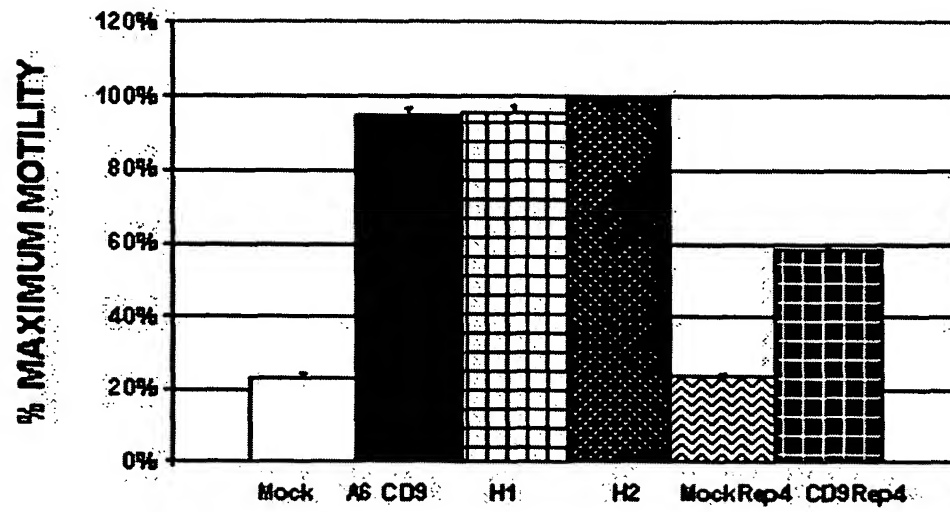


Figure 3

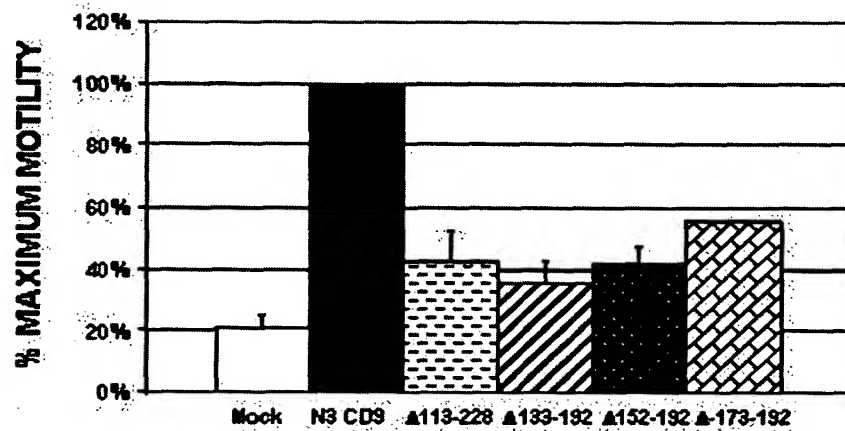


Figure 4A

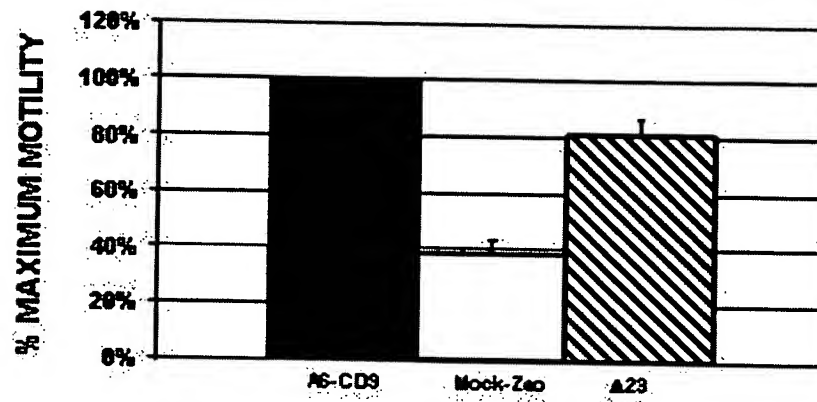


Figure 4B

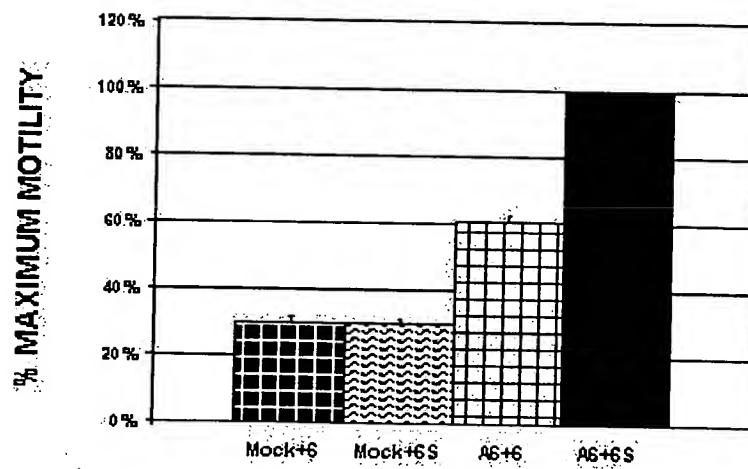


Figure 4C

```

                                EC1 start
      1      10      20      30      40
CD9      M P V K G O T K C I K Y L L F O F N F I F W L A Q I A V L A I G L W L R F D E Q T K S I
A113-228
A133-192
A152-192
A173-192
AZ3

                                EC1 start
      50      60      70      80
CD9      F E Q E T N N N N E B F Y T O V Y I L I O A O A L M M L V O F L O C C O A V Q E B Q O M
A113-228
A133-192
A152-192
A173-192
AZ3

                                EC2 start
      90      100      110      120      130
CD9      L O L F F O F L L V I F A I E I A A A I W O Y I H K D E V I K E V Q E F Y K D T Y N K L
A113-228
A133-192
A152-192
A173-192
AZ3

      140      150      160      170
CD9      K T K D E P Q R E T L K A I H Y A L N C C O L A G G V E Q F I B D I C P K K D V L E T F
A113-228
A133-192
A152-192
A173-192
AZ3

                                EC2 end
      180      190      200      210
CD9      T V K S C P D A L K E V F O M K F H I O A V O I O I A V V M I F Q M I F S M L L O C
A113-228
A133-192
A152-192
A173-192
AZ3

      220
CD9      A I R R N R E M V
A113-228
A133-192
A152-192
A173-192
AZ3

```

Figure 5

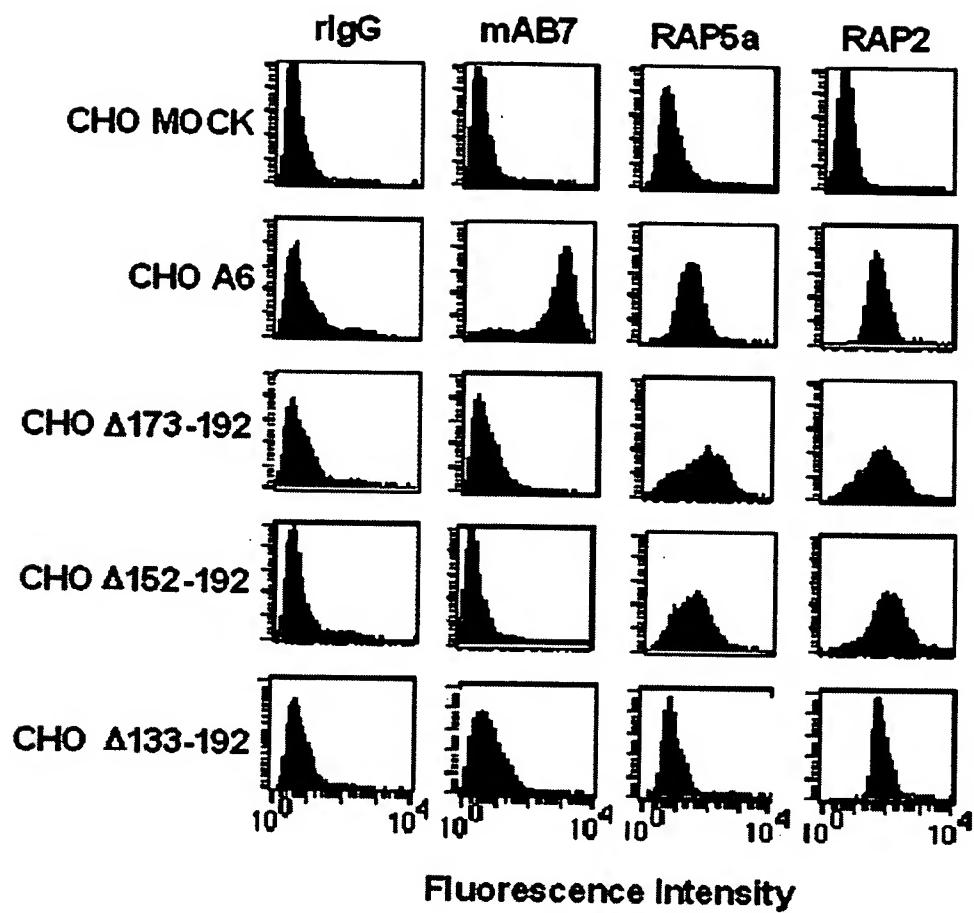
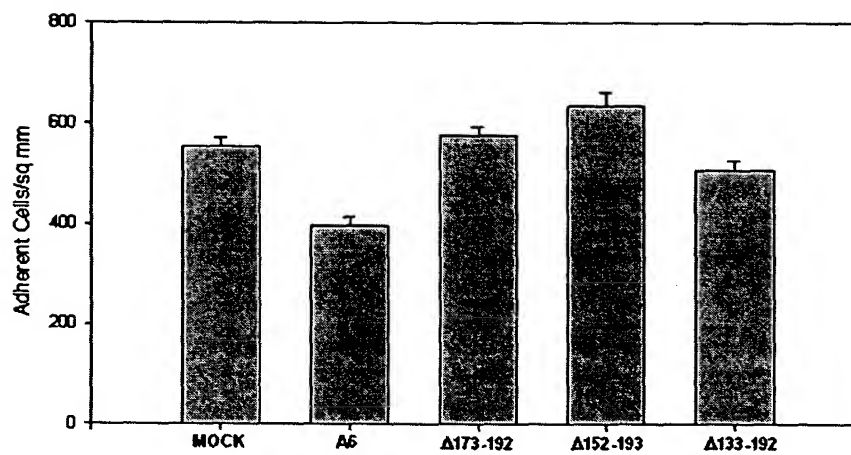
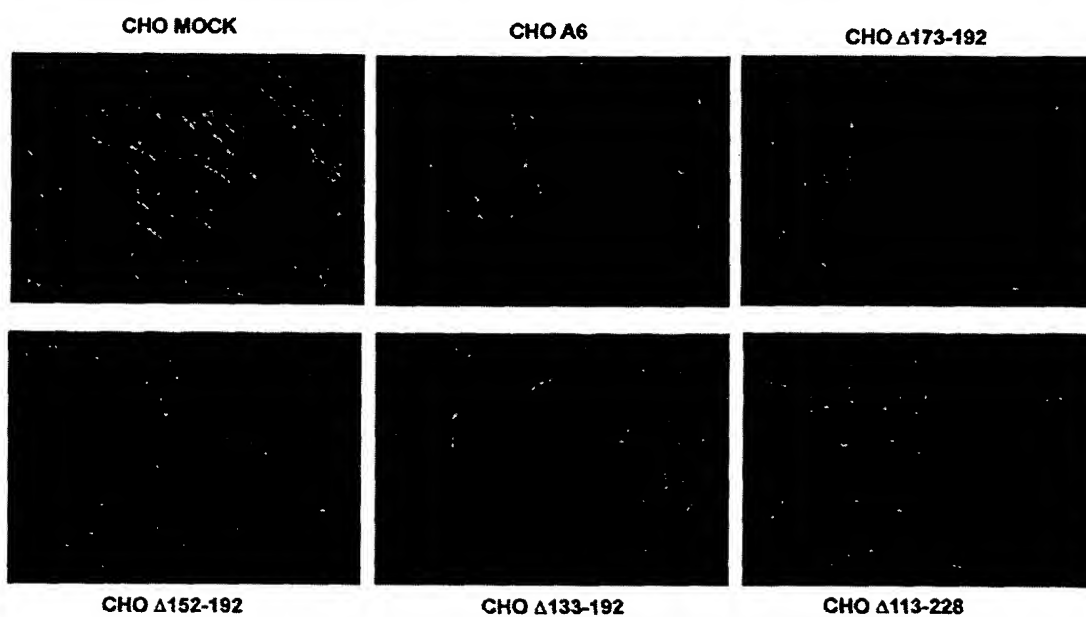


Figure 6

**A****B****Figures 7A-B**

**Figure 8A**



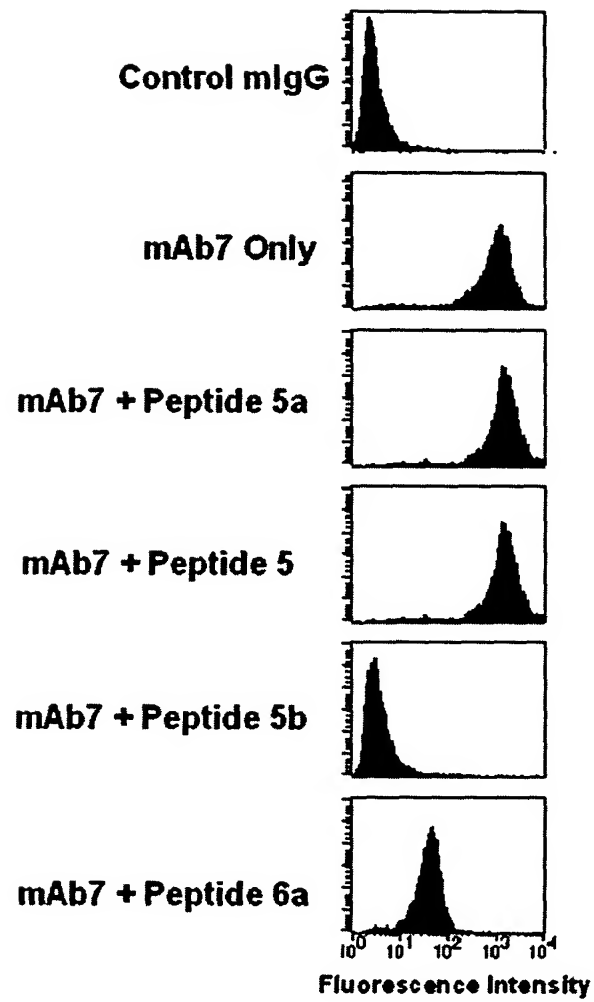


Figure 8B

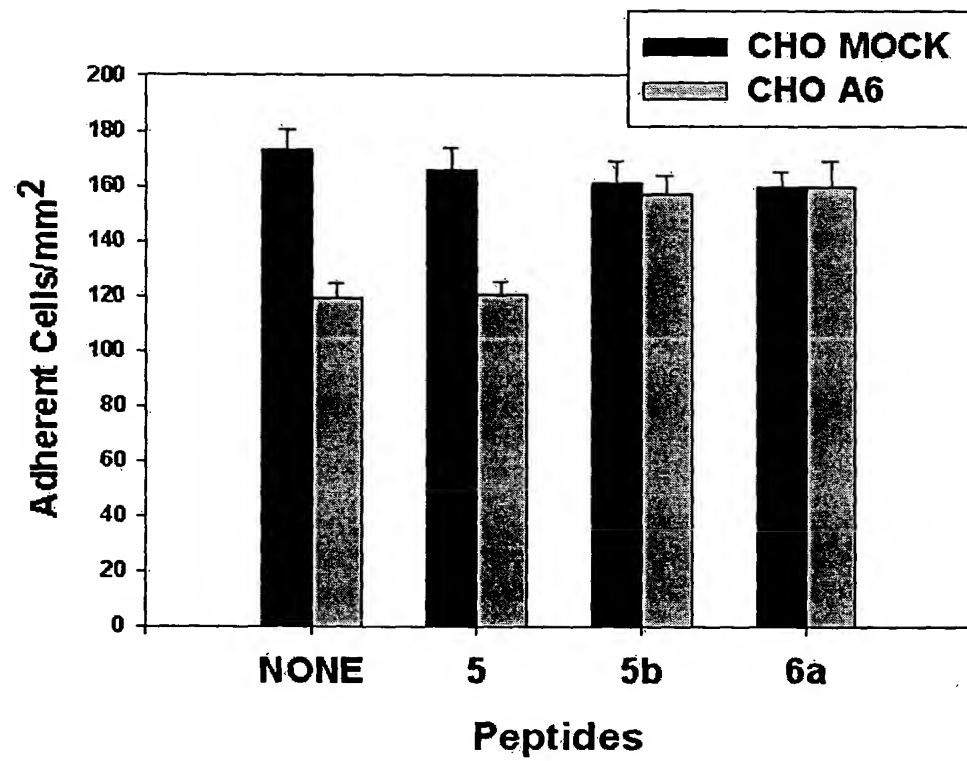
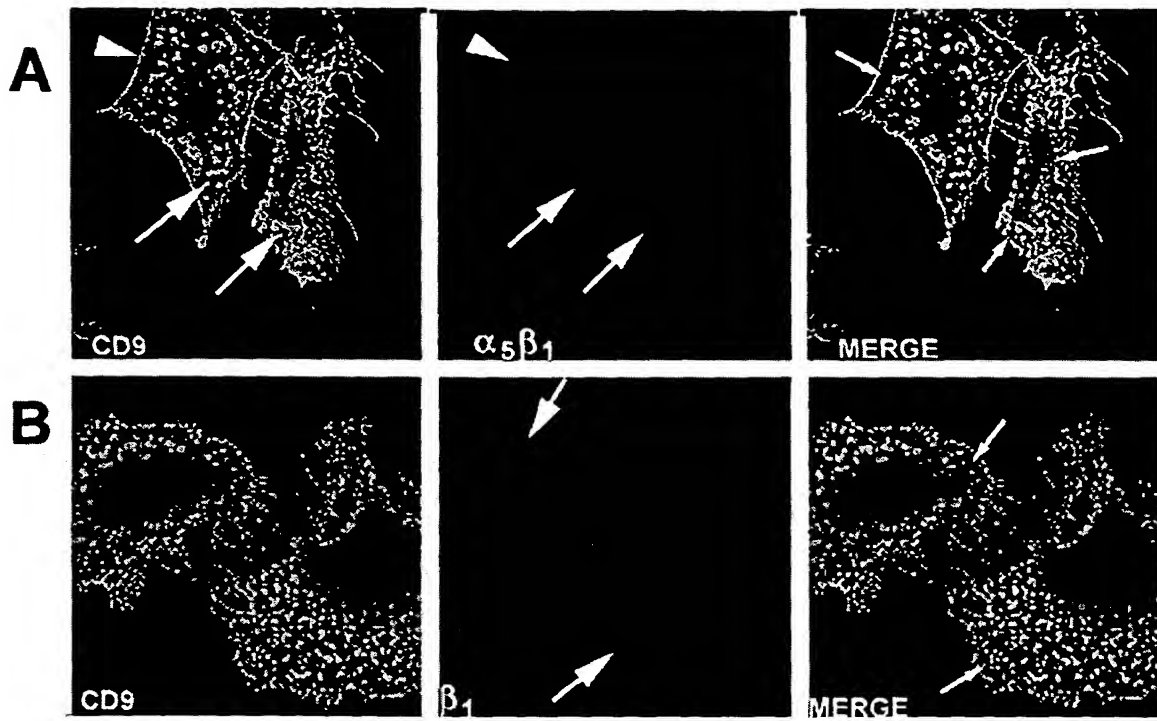


Figure 8C



**Figures 9A-B**

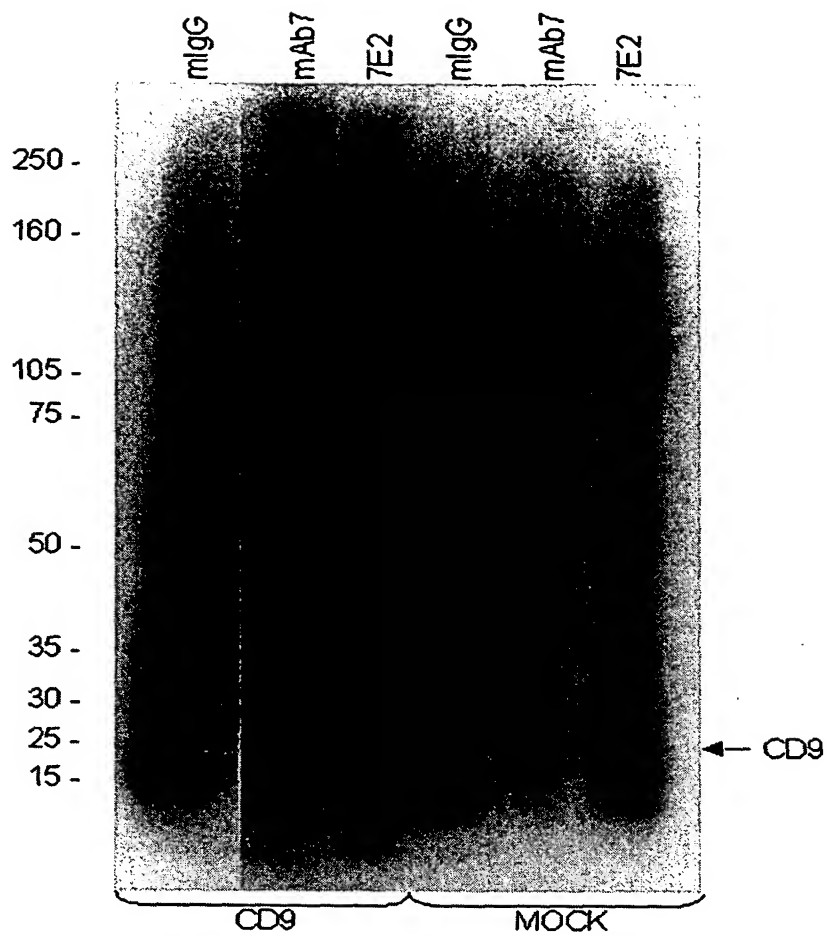


Figure 10A

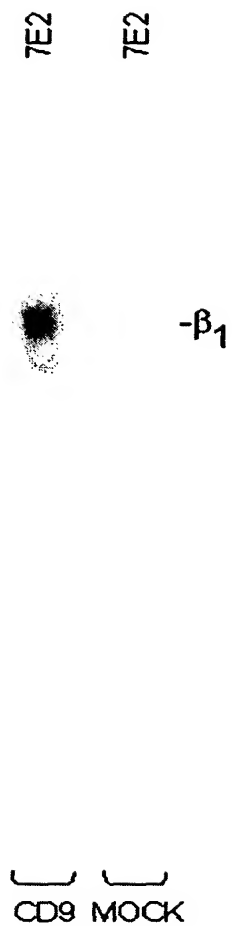


Figure 10B

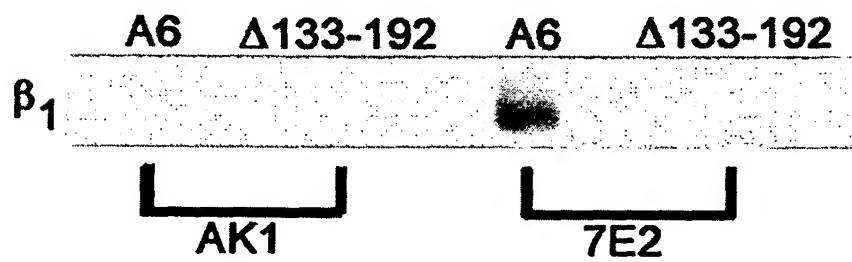


Figure 10C

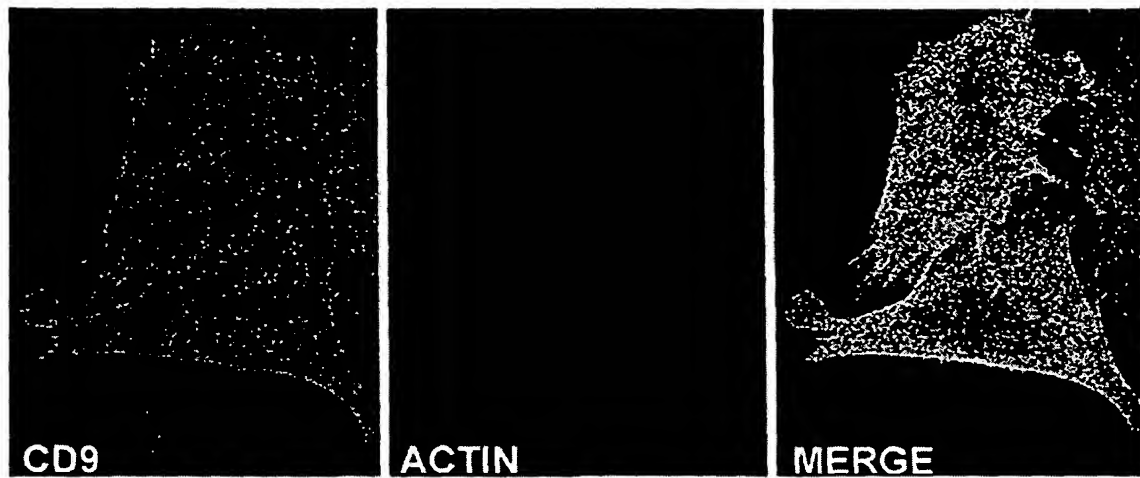


Figure 11

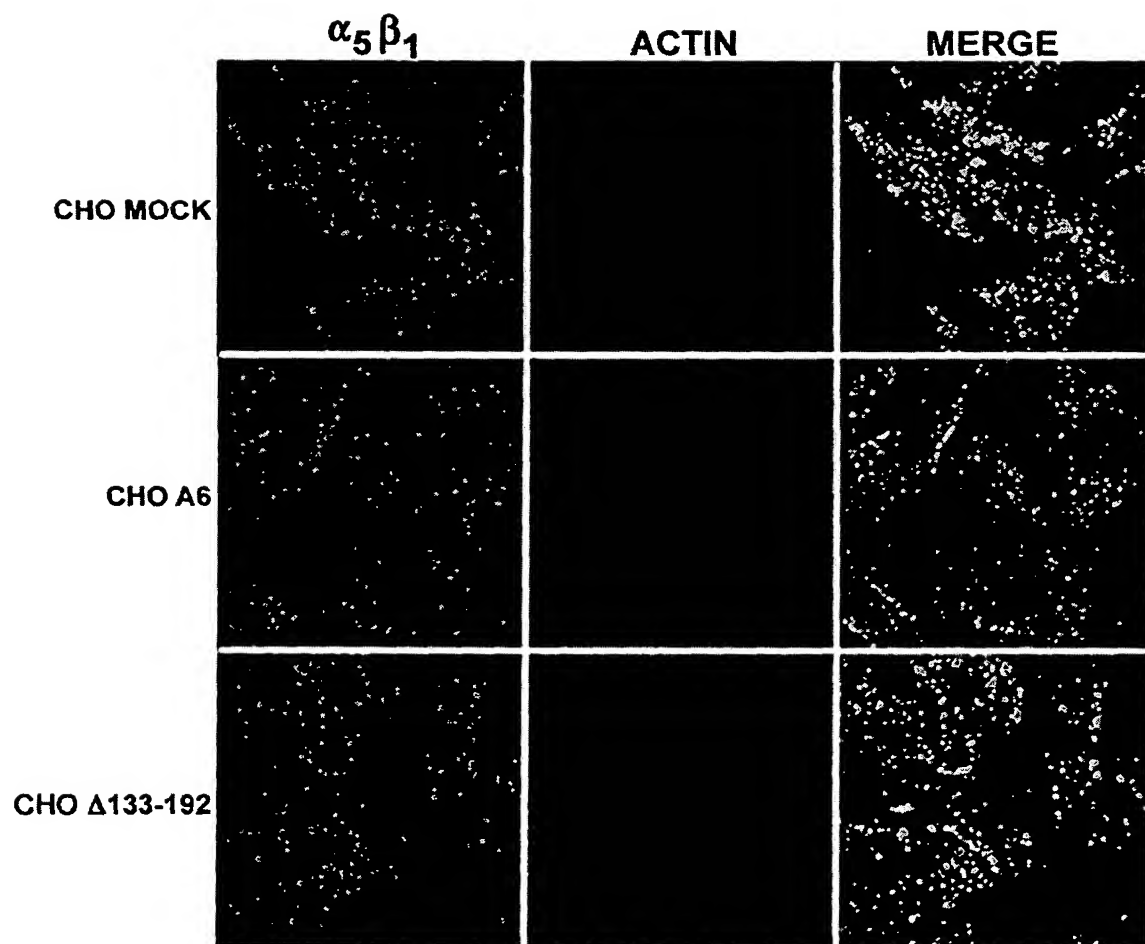
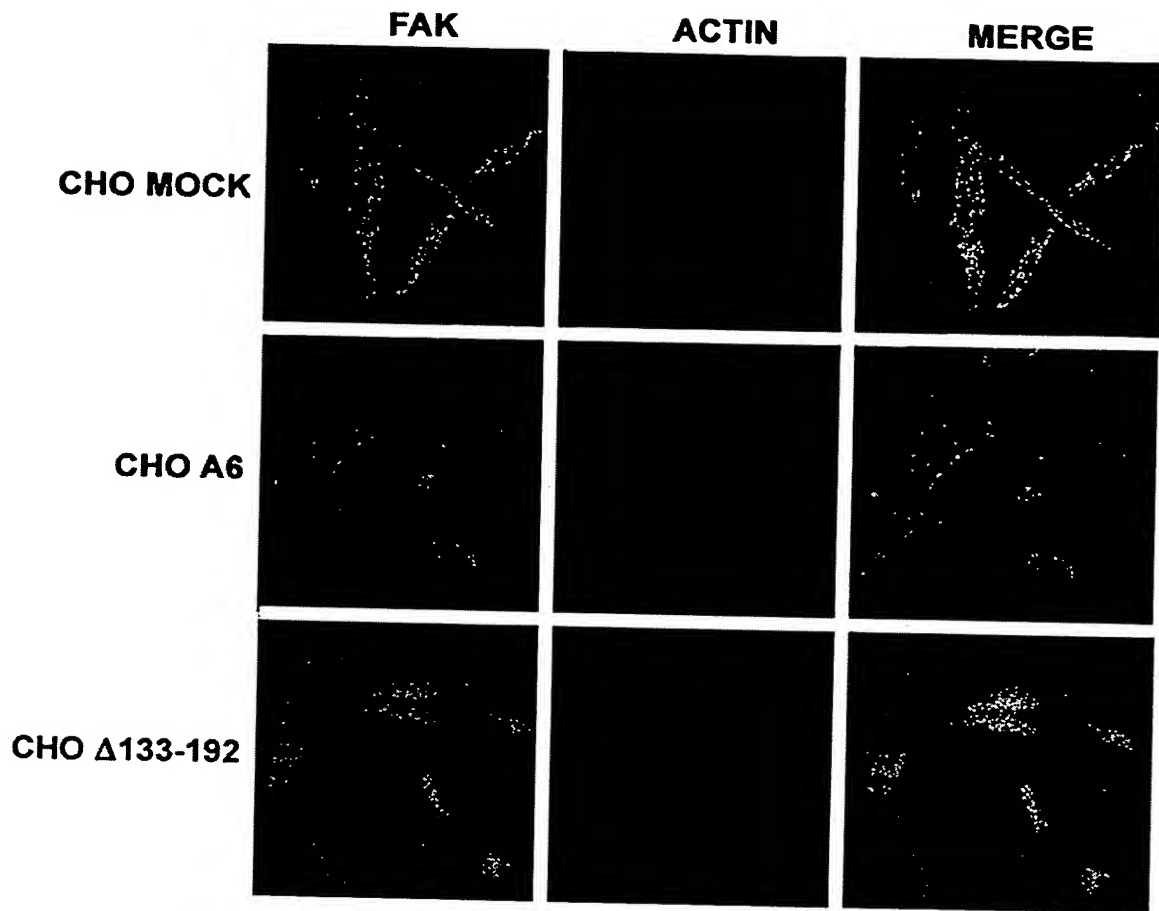
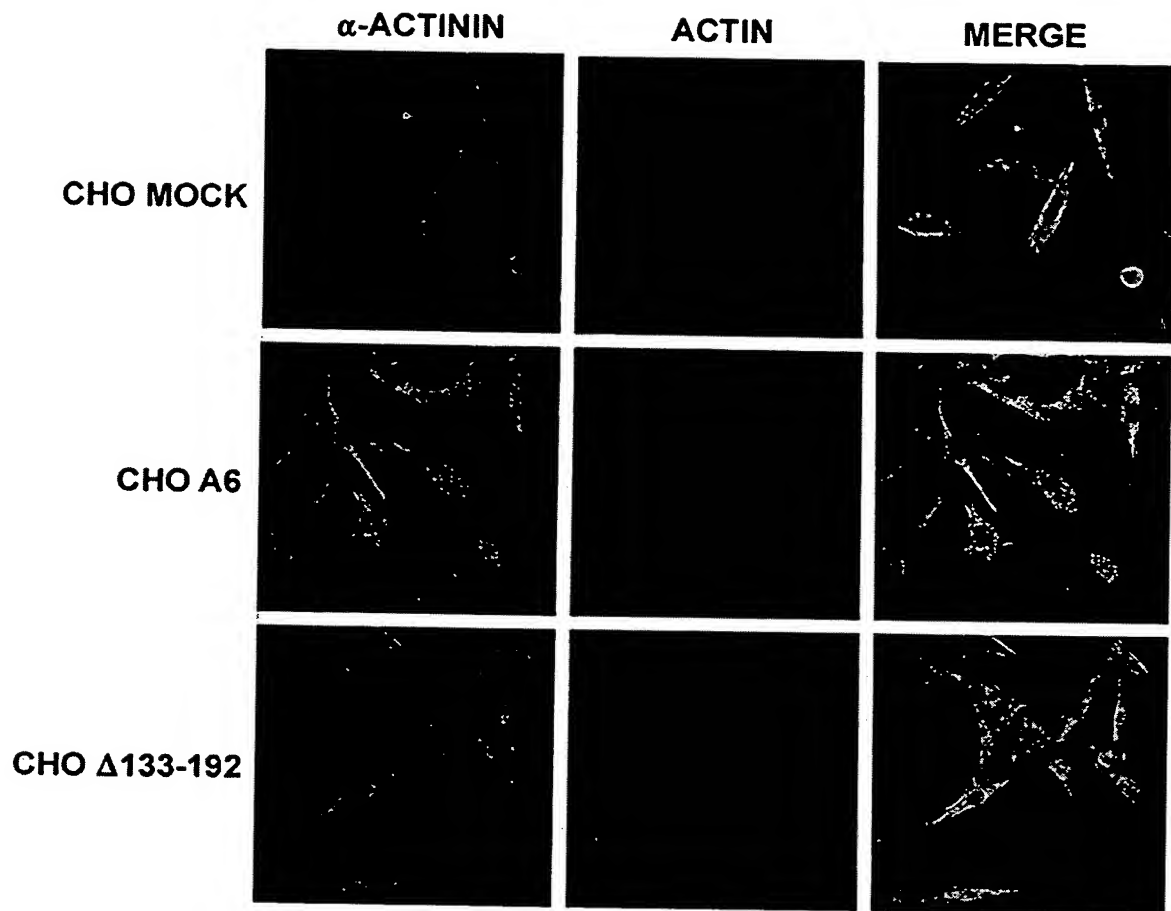
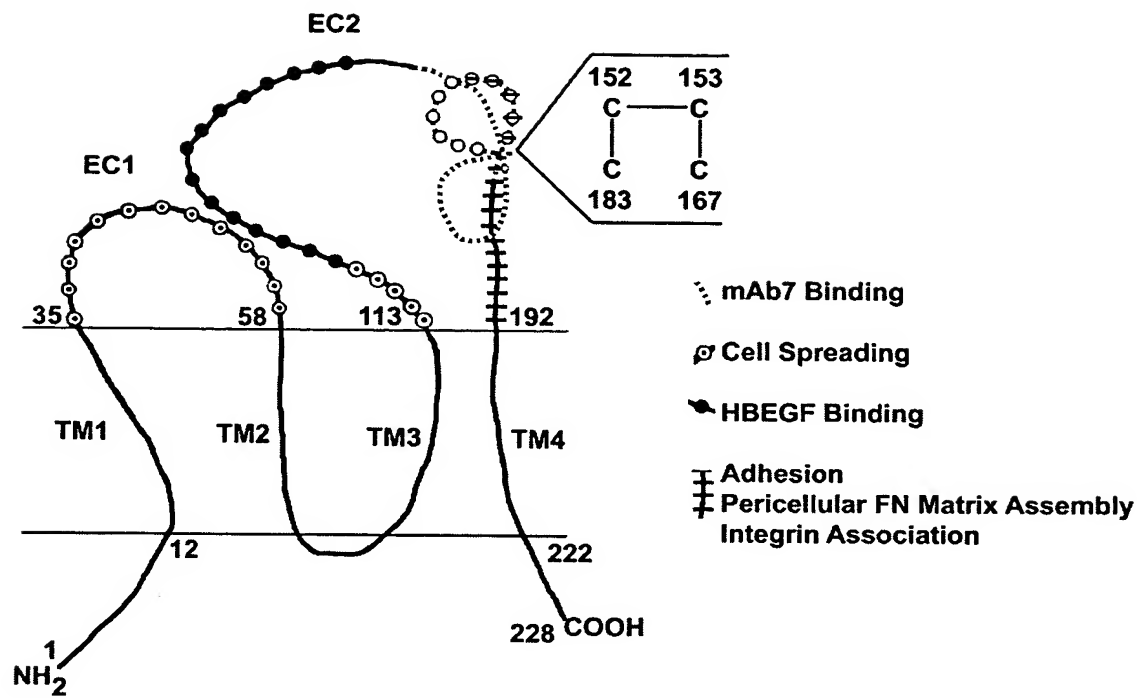


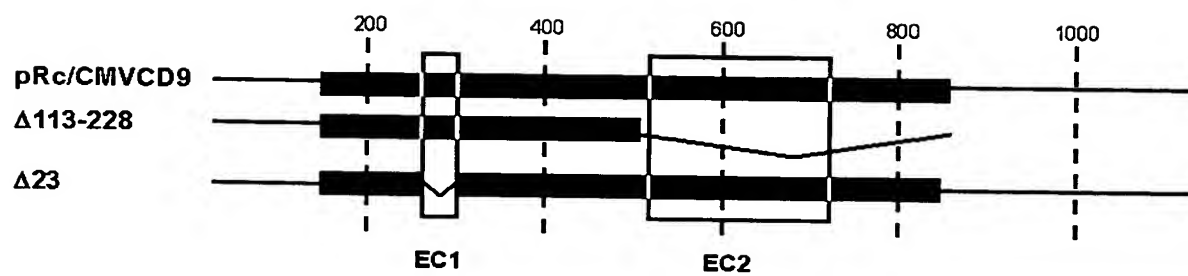
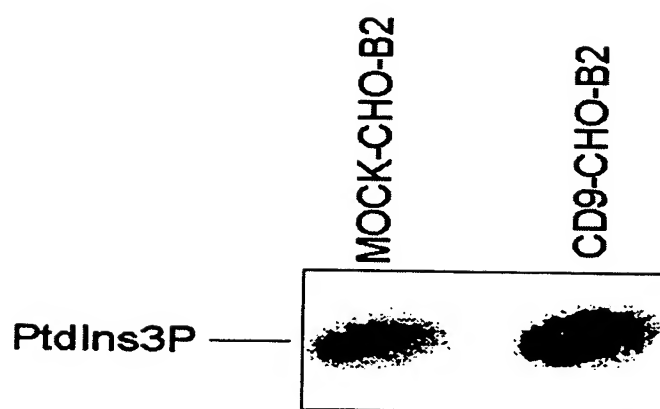
Figure 12

**Figure 13**

**Figure 14**

**Figure 15**



**Figure 16****Figure 22**

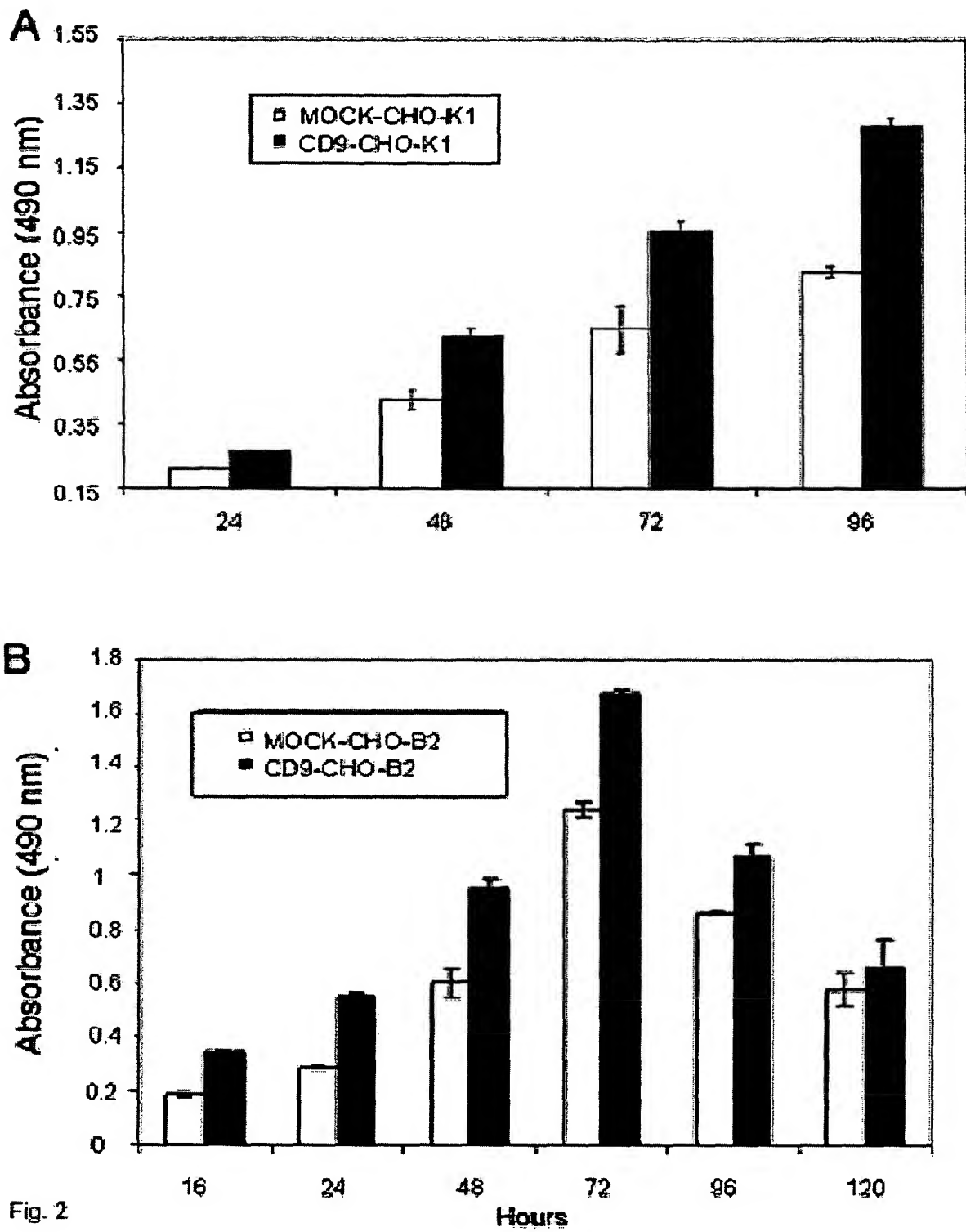
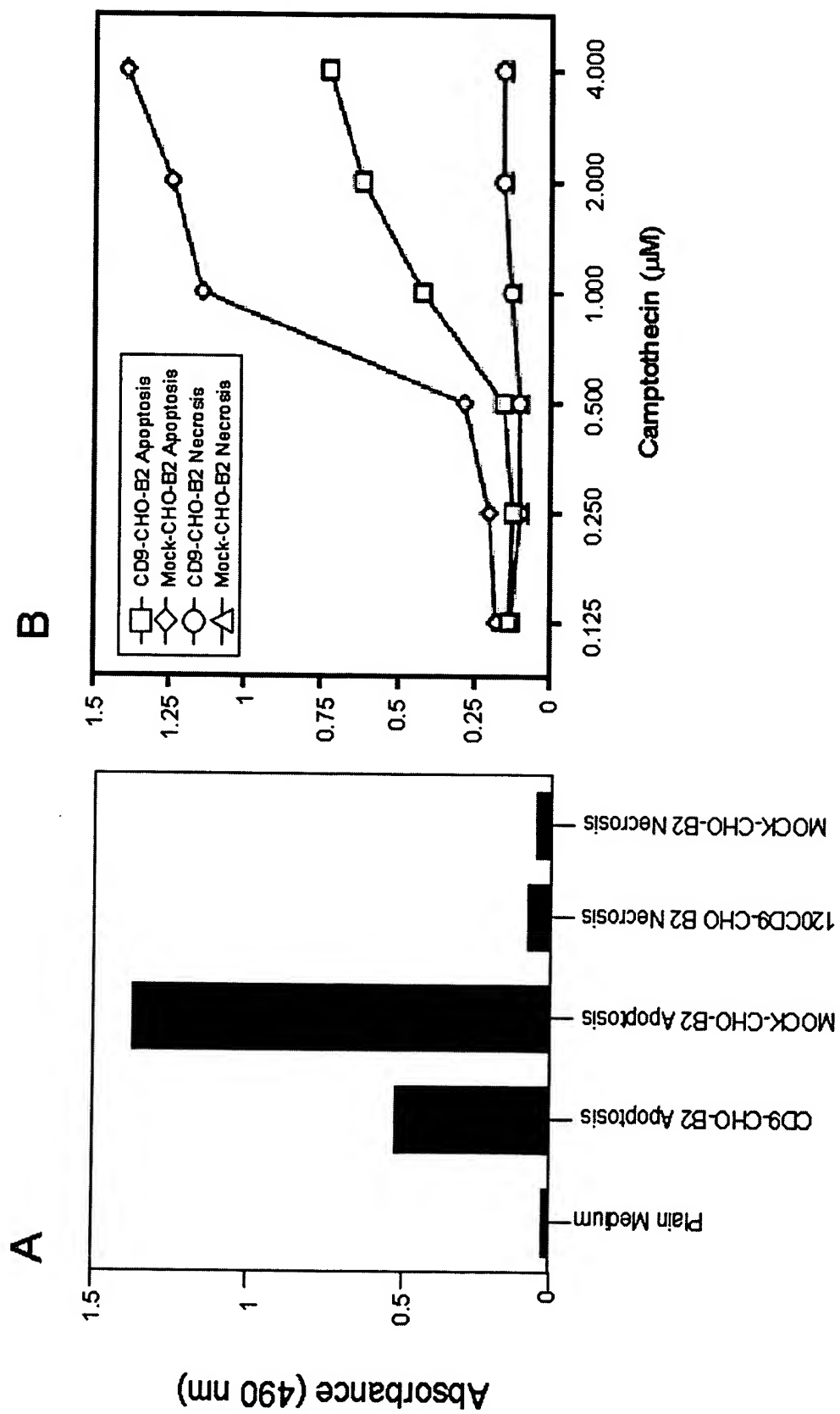
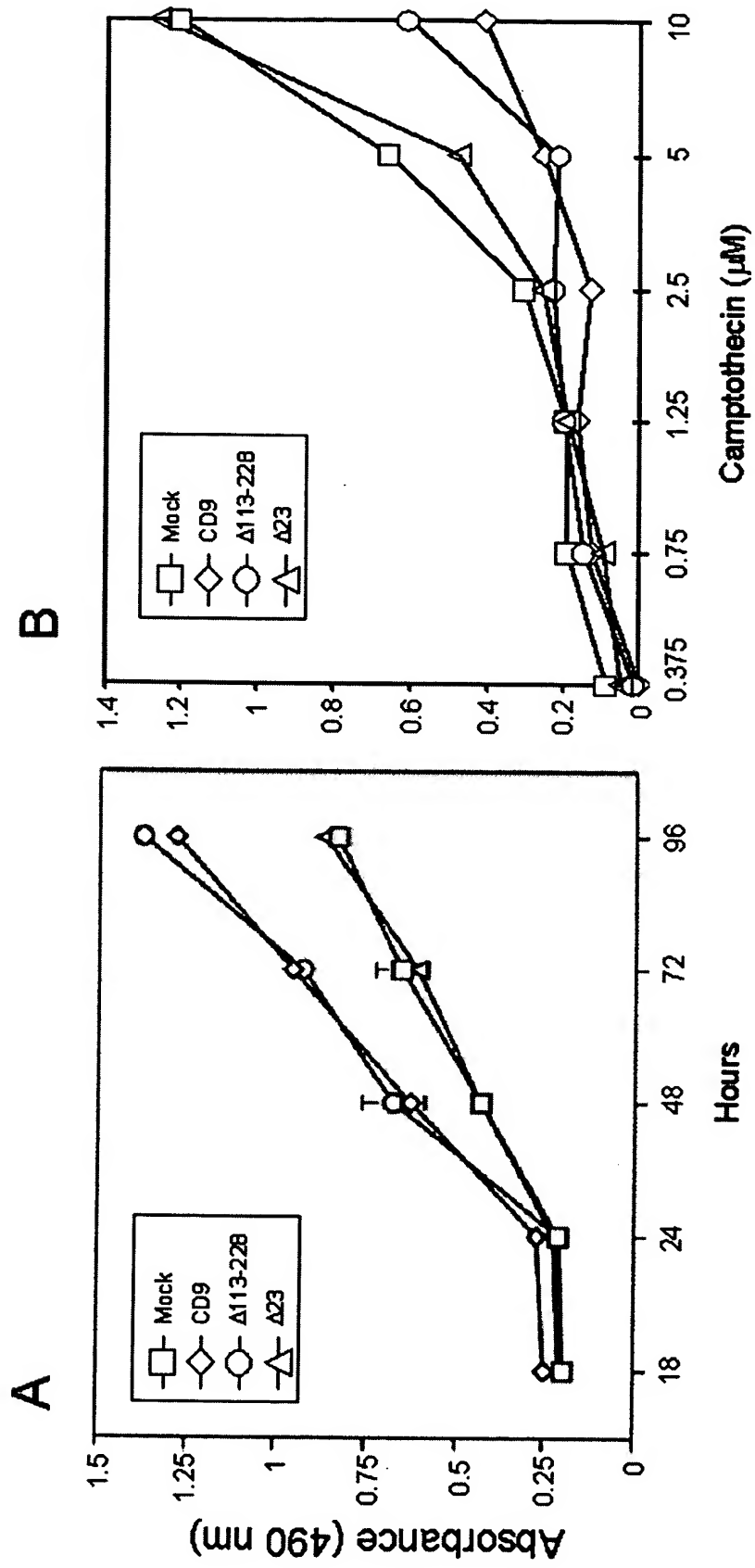


Fig. 2

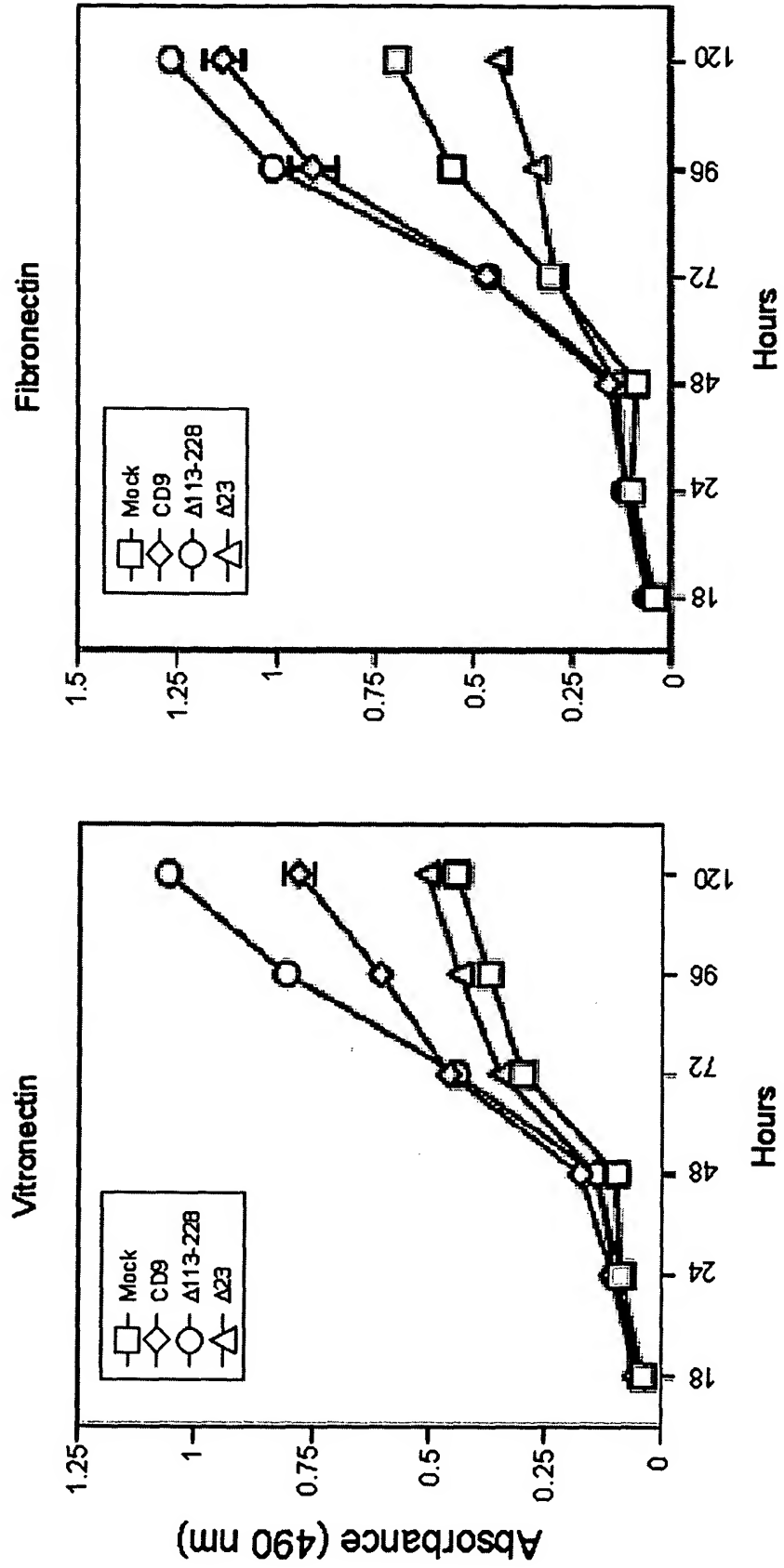
Figures 17A-B



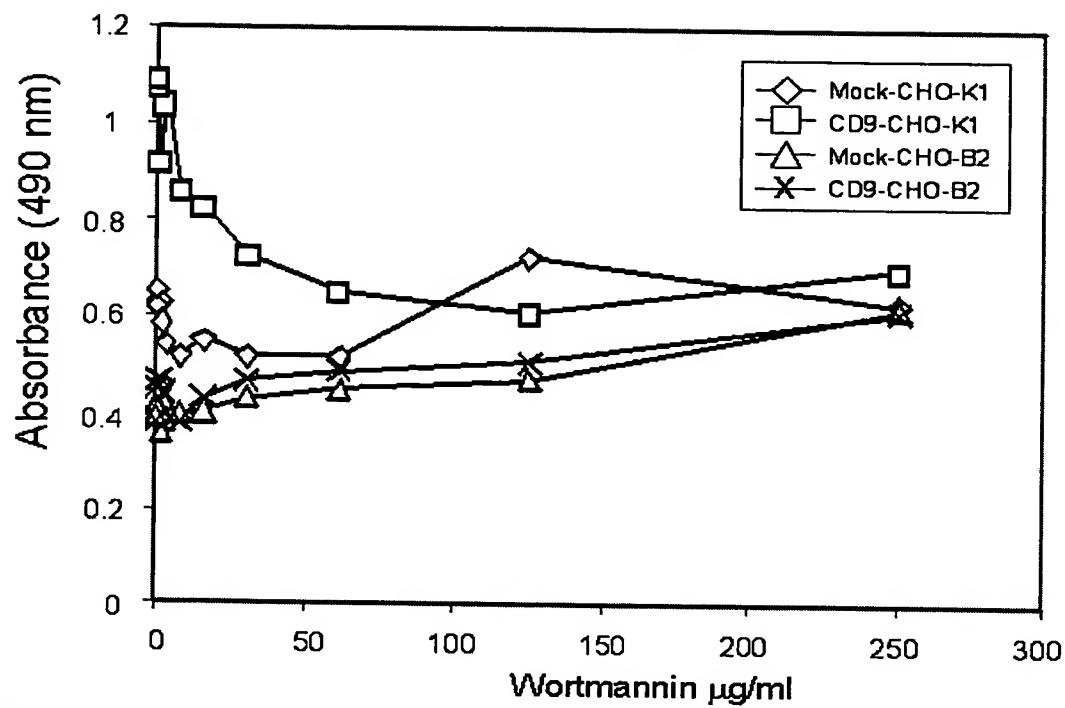
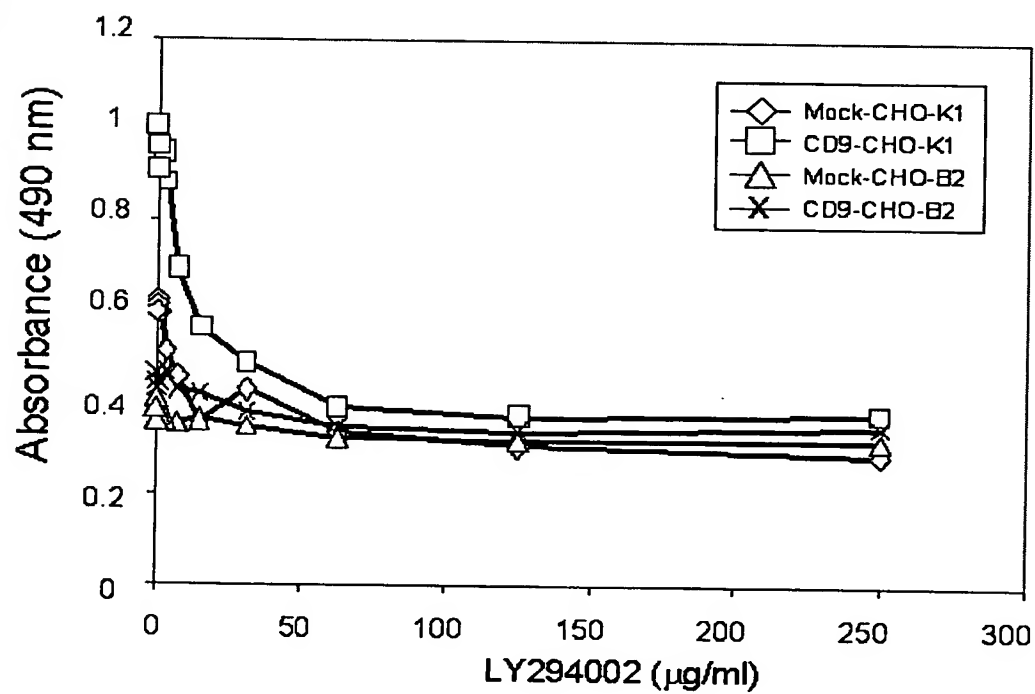
Figures 18A-B

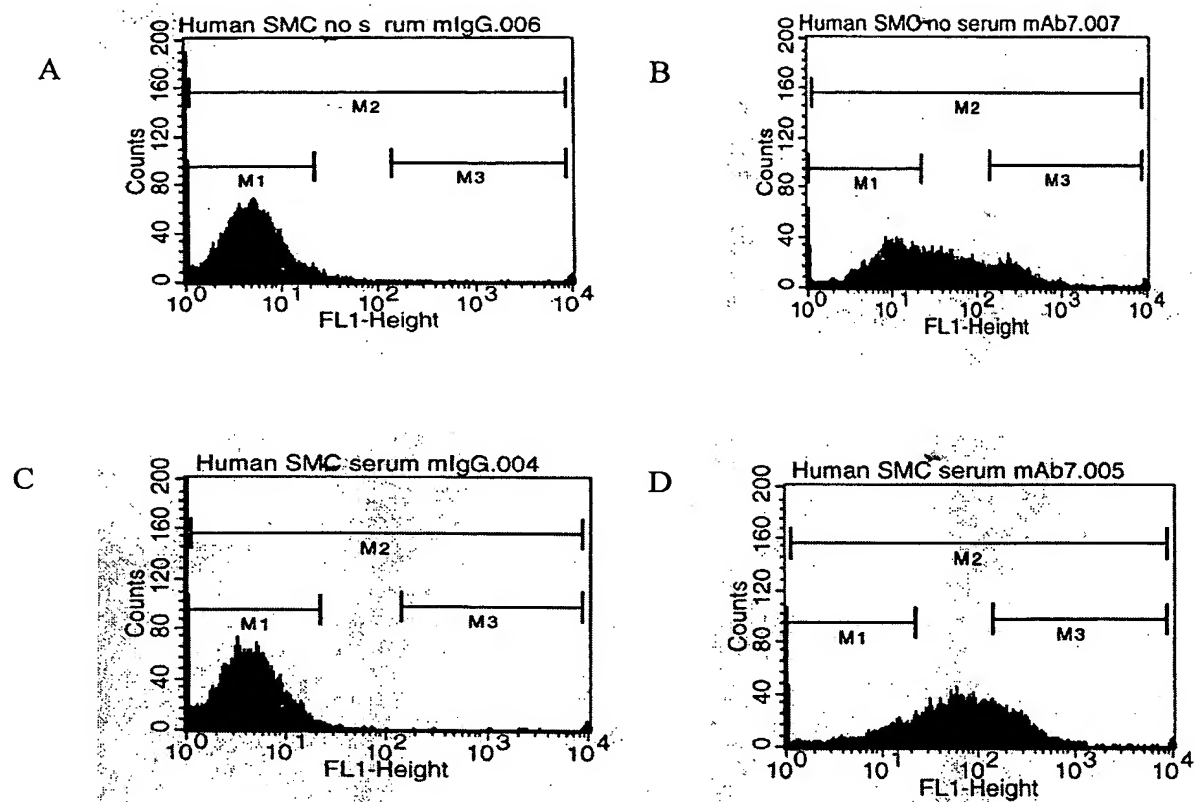


Figures 19A-B

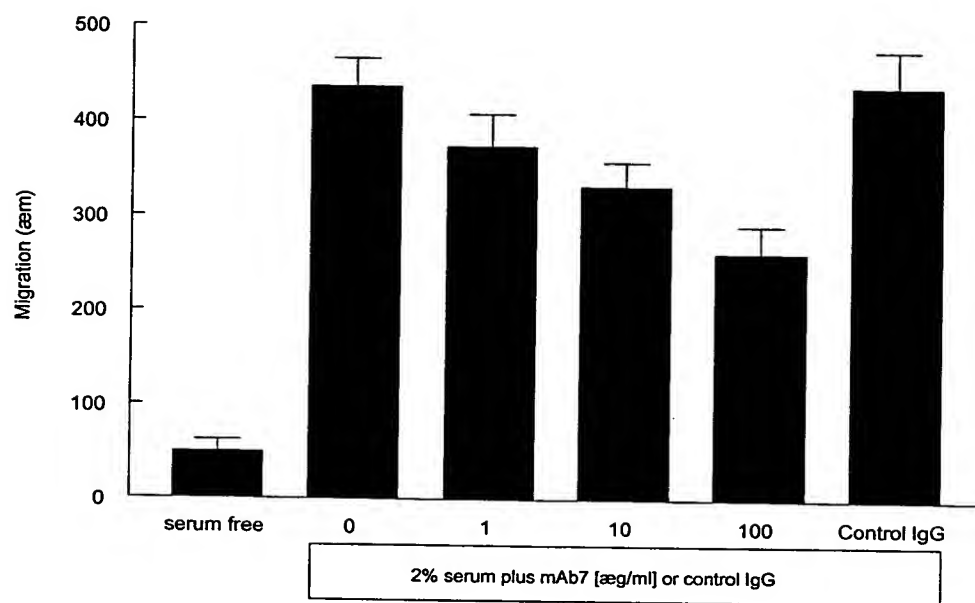


Figures 20A-B

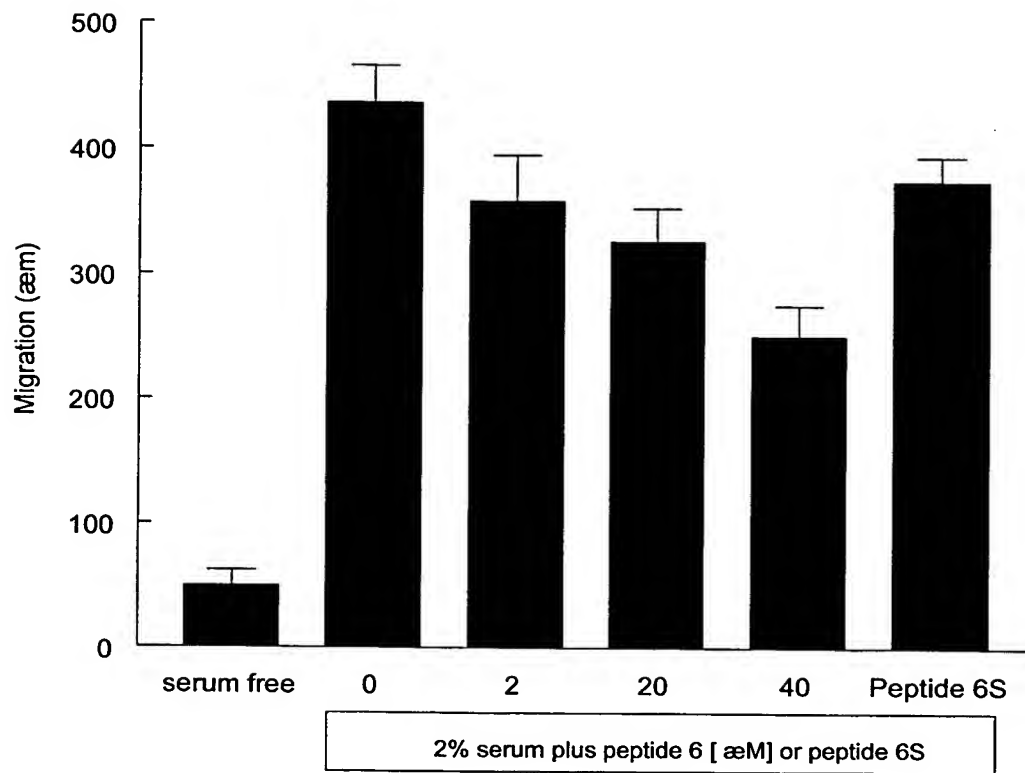
**A****B****Figure 21A-B**



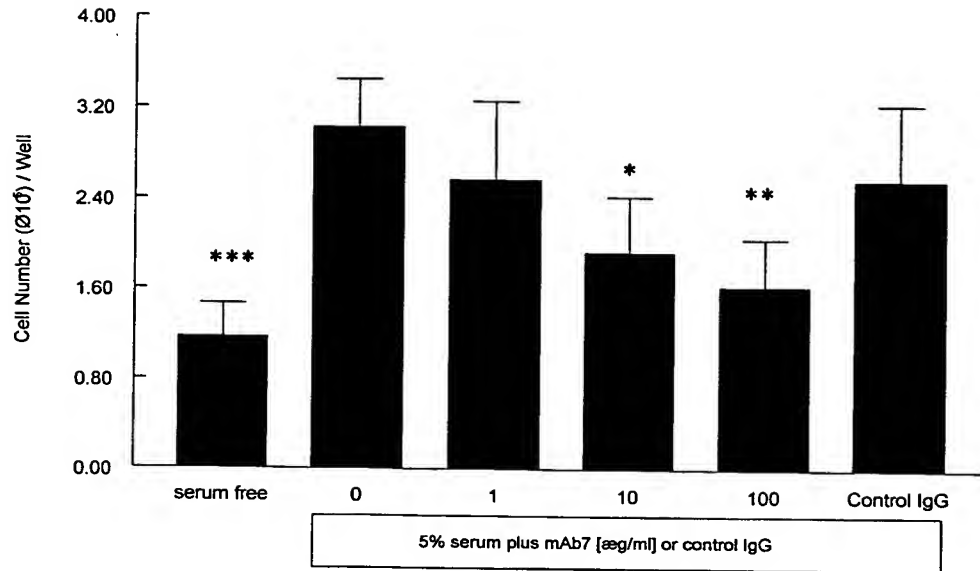
Figures 23A-E

**Figure 24**

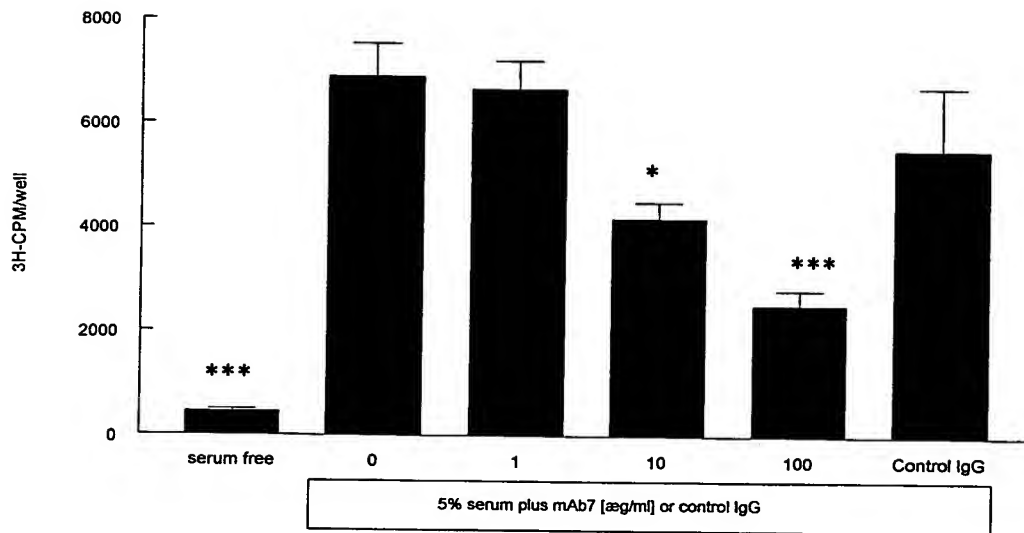


**Figure 25**

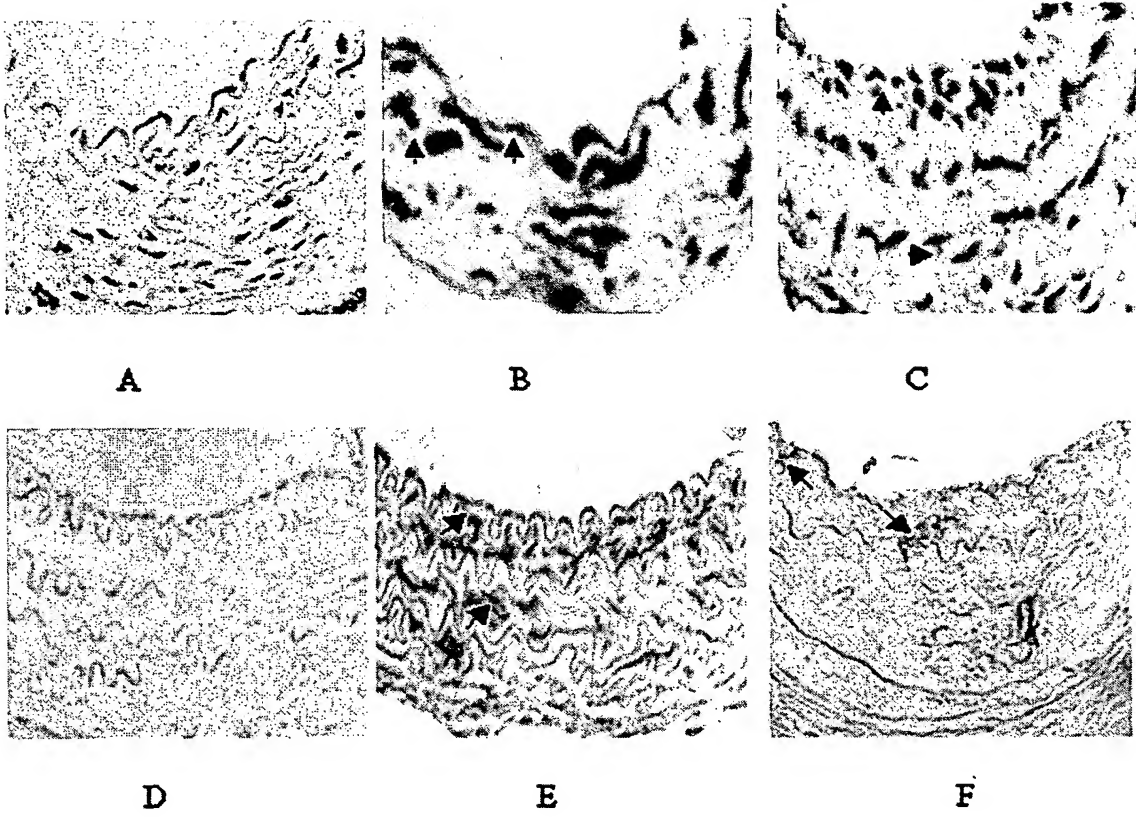
A



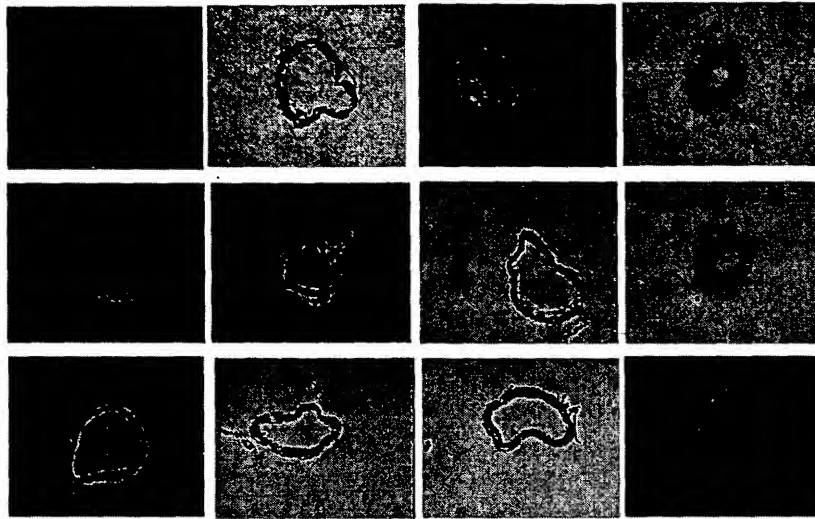
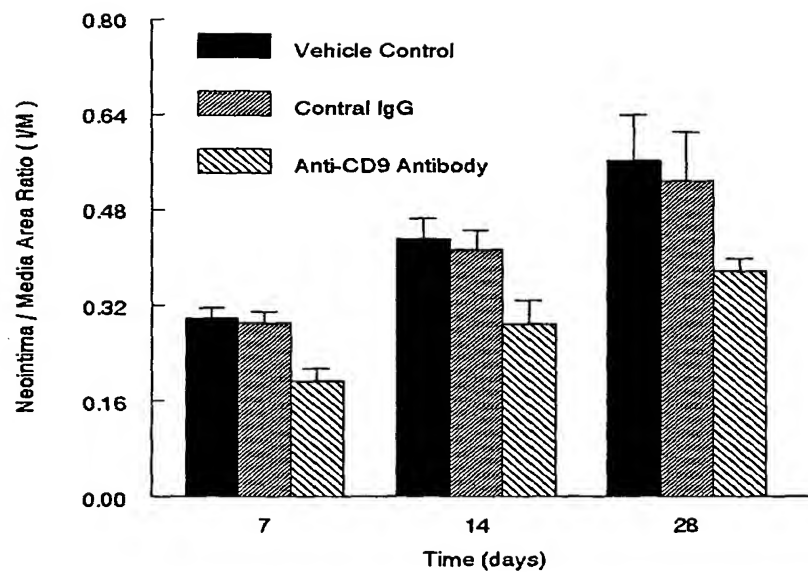
B



Figures 26A-B



**Figures 27A-F**

**Figure 28A****Figure 28B**